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Sequence Listing was accepted.

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217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: Mon Aug 13 14:34:29 EDT 2007

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Application No: 10520698 Version No: 2.1

Input Set:

Output Set:

Started: 2007-08-13 14:33:39.978
Finished: 2007-08-13 14:33:40.616
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 638 ms
Total Warnings: 14
Total Errors: 0
No. of SeqIDs Defined: 19
Actual SeqID Count: 19

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<110> AKZO Nobel NV

<120> Immunogenic Fusion Peptides Comprising Babesia Protein Sequences

<130> I-2002.010 US

<140> 10520698

<141> 2005-08-02

<150> EP 02077800.7

<151> 2002-07-10

<160> 19

<170> PatentIn version 3.3

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<212> DNA

<213> Artificial

<220>

<223> Primer, probe, linker etc.

<400> 1

attnaaccctc actaaaggga 20

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<212> DNA

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<223> Primer, probe, linker etc.

<400> 2

aatggcaata atggatcctg caccaatctc 30

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<211> 30

<212> DNA

<213> Artificial

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<223> Primer, probe, linker etc.

<400> 3

gaaggatggc ttaagcttac tagatccctg 30

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<211> 30

<212> DNA

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<223> Primer, probe, linker etc.

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acacaggaaaa caggatccat gtccccata 30

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cgcgaggcag ataagcttc agtcacgatg 30

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<223> Primer, probe, linker etc.

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agc 63

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<211> 78
<212> DNA
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<223> Primer, probe, linker etc.

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atgggcttgc tgacttag 78

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<223> Primer, probe, linker etc.

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cccaagcttc taagtcagca agcccat 27

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gttccg 66

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gcgaaat 67

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<213> honey bee

<400> 13

Met Lys Phe Leu Val Asn Val Ala Leu Val Phe Met Val Val Tyr Ile
1 5 10 15

Ser Tyr Ile Tyr Ala
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<210> 14
<211> 30
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<213> unknown

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<223> amino acid numbers 352-381 of NCBI accession number B26359

<400> 14

Thr Ser Gly Thr Thr Arg Leu Leu Ser Gly His Thr Cys Phe Thr Leu
1 5 10 15

Thr Gly Leu Leu Gly Thr Leu Val Thr Met Gly Leu Leu Thr
20 25 30

<210> 15
<211> 21
<212> PRT
<213> Sacharomyces

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Gly Ala Lys Ala Ala Val Gly Met Gly Ala Gly Ala Leu Ala Val Ala
1 5 10 15

Ala Ala Tyr Leu Leu
20

<210> 16
<211> 24
<212> PRT
<213> Measles virus

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Pro Tyr Val Leu Leu Ala Val Leu Phe Val Met Val Leu Ser Leu Ile
1 5 10 15

Gly Leu Leu Ala Ile Ala Gly Ile

20

<210> 17

<211> 20

<212> PRT

<213> Human Hepesvirus, type 4

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Glu Glu Asn Leu Leu Asp Phe Val Arg Phe Met Gly Val Met Ser Ser

1 5 10 15

Cys Asn Ser Ser

20

<210> 18

<211> 20

<212> PRT

<213> Babesia divergens

<400> 18

Phe Ala Ala Val Pro Ser Ser Leu Ser Ala Ile Val Phe Gly Ile Ile

1 5 10 15

Val Ser Met Phe

20

<210> 19

<211> 28

<212> PRT

<213> Artificial

<220>

<223> C-terminal portion of an HA5-Bd37 construct

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Glu Ile Ser Gly Val Lys Leu Glu Phe Ala Ala Val Pro Ser Ser Leu

1 5 10 15

Ser Ala Ile Val Phe Gly Ile Ile Val Ser Met Phe

20 25